

Low & fast = sec N 3600 ppm  
Sec

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\*\*\* ISCST3 - VERSION 96113 \*\*\*  
\*\*\* TEST ISC3 RUN FOR SOLVAY - 1987  
\*\*\* PM10 Emissions - Original Stack Heights/Reduced Emissions  
\*\*\* MODEL OPTS: CONC RURAL ELEV DPAULT

PPH

\*\*\* POINT SOURCE DATA \*\*\*  
F7x3281

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	X	Y	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG. K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
2A	0	0.20200E+00	603661.2	4594980.0	1899.0	7.01	293.00	1.06	YES	
6A	0	0.38000E-01	603892.8	4594835.0	1899.0	40.54	309.00	15.85	YES	
6B	0	0.64000E-01	603900.4	4594810.5	1899.0	4.72	297.00	24.99	YES	
7	0	0.15100E+00	604045.2	4594861.0	1899.0	24.99	293.00	10.06	YES	
10	0	0.76000E-01	603865.4	4594992.0	1899.0	4.05	293.00	19.51	YES	
11	0	0.26000E-01	603873.0	4594820.0	1899.0	10.76	293.00	0.60	YES	
14	0	0.47000E-01	603760.2	4594807.5	1899.0	38.10	293.00	6.40	YES	
15	0	0.85700E+00	603719.1	4594814.0	1899.0	54.86	347.00	17.37	YES	
16	0	0.11300E+00	603722.1	4594824.5	1899.0	38.40	369.00	14.94	YES	
17	0	0.28100E+01	603685.5	4594807.5	1899.0	55.02	464.00	12.80	YES	
18	0	0.15120E+01	603834.9	4594807.5	1899.0	55.02	325.00	13.41	YES	
19	0	0.15120E+01	603834.9	4594807.5	1899.0	55.02	325.00	17.68	YES	
24	0	0.38000E-01	603819.7	4594786.5	1899.0	7.62	301.00	2.21	YES	
25	0	0.12600E+00	603665.7	4595012.0	1899.0	23.16	293.00	12.50	YES	
26	0	0.13900E+00	603673.4	4594984.5	1899.0	20.42	311.00	0.73	YES	
27	0	0.63000E-01	603697.7	4594975.5	1899.0	18.29	293.00	17.68	YES	
28	0	0.36500E+00	603725.2	4594936.5	1899.0	42.67	347.00	0.48	YES	
30	0	0.25000E-01	603938.5	4594768.0	1899.0	26.82	279.00	1.22	YES	
31	0	0.25000E-01	603938.5	4594768.0	1899.0	26.82	279.00	17.98	YES	
32	0	0.17600E+00	603929.4	4594725.5	1899.0	30.48	327.00	0.20	YES	
35	0	0.13000E-01	603943.1	4594702.5	1899.0	18.29	338.00	14.63	YES	
36	0	0.13000E-01	603959.9	4594702.5	1899.0	18.29	338.00	0.15	YES	
37	0	0.13000E-01	603973.6	4594702.5	1899.0	18.29	338.00	25.88	YES	
38	0	0.13000E-01	603973.6	4594702.5	1899.0	18.29	338.00	0.15	YES	
39	0	0.24000E-01	603987.3	4594724.0	1899.0	21.34	338.00	0.15	YES	
41	0	0.11300E+00	603870.0	4594748.5	1899.0	9.14	279.00	0.46	YES	
44	0	0.25000E-01	604030.0	4594847.5	1899.0	5.43	293.00	8.84	YES	
45	0	0.89000E-01	603764.8	4594983.0	1899.0	3.81	293.00	0.67	YES	
46	0	0.11720E+01	603685.5	4594847.5	1899.0	54.86	450.00	3.20	YES	
48	0	0.17500E+00	603713.0	4594847.5	1899.0	54.86	366.00	9.75	YES	
50	0	0.60500E+00	603738.9	4594838.0	1899.0	54.86	422.00	8.23	YES	
51	0	0.63000E-01	603898.9	4594884.0	1899.0	42.98	293.00	15.24	YES	
52	0	0.13000E-01	603926.3	4594856.5	1899.0	9.14	293.00	10.97	YES	
53	0	0.24000E-01	603685.5	4594972.5	1899.0	19.57	293.00	0.85	YES	
54	0	0.50000E-01	603600.2	4594984.5	1899.0	19.51	293.00	0.18	YES	
55	0	0.16000E-01	603639.8	4594740.5	1899.0	27.74	293.00	0.40	YES	
62	0	0.21000E-01	603652.0	4594737.5	1899.0	17.68	293.00	25.91	YES	
63	0	0.19000E-01	603973.6	4594690.5	1899.0	10.57	293.00	0.15	YES	
64	0	0.25000E-01	603959.9	4594690.5	1899.0	10.57	293.00	0.15	YES	
65	0	0.11300E+00	603705.4	4594771.0	1899.0	38.10	293.00	4.57	YES	
66	0	0.11300E+00	603705.4	4594771.0	1899.0	38.10	293.00	22.86	YES	

Date	4/21	Pages	3
From	Boiler	Co.	
Phone #		Fax #	(301) 812-5876
Co/Dept.			

Post-It® Fax Note 7671

\*\*MODELOPTs: CONC

RURAL ELEV DFAULT

\*\*\* POINT SOURCE DATA \*\*\*

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
67	0	0.38000E-01	603629.2	4594801.5	1899.0	38.10	311.00	10.06	0.46	YES	
68	0	0.45000E-01	603929.4	4594835.0	1899.0	24.99	293.00	23.47	0.37	YES	
70	0	0.34000E-01	603929.4	4594846.0	1899.0	24.99	293.00	14.94	0.40	YES	
71	0	0.34000E-01	603944.6	4594846.0	1899.0	24.99	293.00	14.94	0.40	YES	
72	0	0.14000E-01	603897.4	4594714.5	1899.0	18.49	366.00	16.15	0.20	YES	
73	0	0.15100E+00	603885.2	4594714.5	1899.0	28.96	305.00	17.07	0.61	YES	
74	0	0.43000E-01	603507.2	4594999.5	1899.0	32.00	289.00	18.19	0.41	YES	
75	0	0.43000E-01	603505.7	4595045.5	1899.0	7.62	289.00	18.19	0.41	YES	
76	0	0.46600E+00	603502.7	4594971.0	1899.0	7.62	289.00	17.91	1.35	YES	
77	0	0.28000E-01	603586.5	4594980.0	1899.0	12.19	289.00	17.91	0.33	YES	
78	0	0.34000E-01	603554.5	4594954.0	1899.0	21.34	289.00	16.56	0.38	YES	
79	0	0.26000E-01	603588.0	4594954.0	1899.0	21.34	289.00	16.54	0.33	YES	
80	0	0.15030E+01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
81	0	0.21900E+00	603766.3	4594835.0	1899.0	54.86	394.00	17.63	1.09	YES	
82	0	0.51400E+00	603781.6	4594832.0	1899.0	54.86	425.00	17.79	2.16	YES	
83	0	0.37000E-01	603953.8	4594882.5	1899.0	39.62	366.00	17.08	0.43	YES	
84	0	0.74000E-01	603953.8	4594838.0	1899.0	15.24	366.00	17.79	0.61	YES	
85	0	0.30000E-01	603684.0	4594823.0	1899.0	42.67	436.00	15.24	0.91	YES	

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
8	0	0.23000E-01	604078.7	4595001.0	1899.0	5.79	4.25	5.39	
9	0	0.50000E-01	603909.6	4594990.5	1899.0	9.60	36.50	8.93	

\*\*\* ISCST3 - VERSION 96113 \*\*\*

\*\*\* TEST ISC3 RUN FOR SOLVAY - 1987  
\*\*\* CO Emissions

\*\*MODELOPTS: CONC

RURAL ELEV

DEFAULT

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\*\*\* POINT SOURCE DATA \*\*\*

SOURCE ID	NUMBER EMISSION RATE PART. (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
17	0	0.192028E+03	603685.5	4594807.5	1899.0	55.02	464.00	13.41	YES	
18	0	0.22050E+01	603834.9	4594807.5	1899.0	55.02	325.00	17.68	YES	
19	0	0.22050E+01	603834.9	4594780.5	1899.0	55.02	322.00	18.29	YES	
26	0	0.9000E-02	603673.4	4594984.5	1899.0	20.42	311.00	17.68	YES	
48	0	0.96012E+02	603685.5	4594846.0	1899.0	54.86	430.00	9.75	YES	
52	0	0.30200E+00	603738.9	4594838.0	1899.0	54.86	422.00	10.06	YES	
80	0	0.13205E+03	603655.1	4594878.0	1899.0	54.86	443.00	17.66	YES	
82	0	0.17640E+01	603781.6	4594832.0	1899.0	54.86	425.00	17.79	YES	
85	0	0.56700E+00	603684.0	4594823.0	1899.0	42.67	436.00	15.24	YES	

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER EMISSION RATE PART. (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
NV	0	0.94500E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27